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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No CL1792 US NA

First Inventor HALLAHAN ET AL.

Title GENES INVOLVED IN THE BIOSYNTHESIS OF ISOPENTENYL  
DIPHOSPHATE IN HEVEA BRASILIENSIS LATEX

Express Mail Label No. ET860318464US

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JC90315  
01/02/02

<b>APPLICATION ELEMENTS</b> <small>See MPEP chapter 600 concerning utility patent application contents</small>		<b>ADDRESS TO:</b> Assistant Commissioner for Patents Box Patent Application Washington, DC 20231		
<p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing)</p> <p>2. <input type="checkbox"/> Applicant claims small entity status. See 37 C.F.R. 1.27.</p> <p>3. <input checked="" type="checkbox"/> Specification [Total Pages 45] (preferred arrangement set forth below)           <ul style="list-style-type: none"> <li>- Descriptive title of the Invention</li> <li>- Cross Reference to Related Applications</li> <li>- Statement Regarding Fed sponsored R &amp; D</li> <li>- Reference to sequence listing, a table, or a computer program listing appendix</li> <li>- Background of the Invention</li> <li>- Brief Summary of the Invention</li> <li>- Brief Description of the Drawings (if filed)</li> <li>- Detailed Description</li> <li>- Claim(s)</li> <li>- Abstract of the Disclosure</li> </ul> </p> <p>4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 2]</p> <p>5. Oath or Declaration [Total Pages 1]           <ul style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> Newly executed (original or copy)</li> <li>b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63 (d))                (for a continuation/divisional with Box 18 completed)             </li> <li>i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b>  Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</li> </ul> </p> <p>6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76</p>		<p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)</p> <p>8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)           <ul style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> Computer Readable Form (CRF)</li> <li>b. Specification Sequence Listing on:               <ul style="list-style-type: none"> <li>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</li> <li>ii. <input checked="" type="checkbox"/> paper – SEQUENCE LISTING – 18 PGS</li> </ul> </li> <li>c. <input checked="" type="checkbox"/> Statements verifying identity of above copies</li> </ul> </p>		
<b>ACCOMPANYING APPLICATIONS PARTS</b>				
<p>9. <input type="checkbox"/> Assignment Papers (cover sheet &amp; document(s))</p> <p>10. <input type="checkbox"/> 37 C.F.R. §3.73(b) Statement <input type="checkbox"/> Power of Attorney (when there is an assignee)</p> <p>11. <input type="checkbox"/> English Translation Document (if applicable)</p> <p>12. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input checked="" type="checkbox"/> Copies of IDS Citations</p> <p>13. <input type="checkbox"/> Preliminary Amendment</p> <p>14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)</p> <p>15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)</p> <p>16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.</p> <p>17. <input type="checkbox"/> Other: _____</p>				
<p>18. If a CONTINUATING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76</p> <p><input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application No. _____ / _____ Prior application information: Examiner _____ Group / Art Unit: _____</p> <p>For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.</p>				
<b>17. CORRESPONDENCE ADDRESS</b>				
<input checked="" type="checkbox"/> Customer Number or Bar Code Label		 <b>23906</b> <small>PATENT TRADEMARK OFFICE</small>	or <input type="checkbox"/> Correspondence address below	
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Name (Print/Type)	S. NEIL FELTHAM		Registration No. (Attorney/Agent)	36,506
Signature	<i>S. Neil Feltham</i>		Date	1/2/02

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# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

 Applicant Claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 2034

Complete if Known	
Application Number	UNKNOWN
Filing Date	CONCURRENTLY HEREWITH
First Named Inventor	HALLAHAN ET AL
Examiner Name	UNKNOWN
Group / Art Unit	UNKNOWN
Attorney Docket No.	CL1792 US NA

## METHOD OF PAYMENT (check all that apply)

 Check  Credit card  Money Order  Other  None Deposit Account:Deposit Account Number  
**04-1928**Deposit Account Name  
**E. I. du Pont de Nemours and Company**

## The Commissioner is authorized to: (check all that apply)

- Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) during the pendency of this application  
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)
101	740	201	370
106	330	206	165
107	510	207	255
108	740	208	370
114	160	214	80
		Provisional filing fee	
			740
		SUBTOTAL (1)	(\$ 740)

## 2. EXTRA CLAIM FEES

Total Claims	39	-20	= 19	X 18	= 342
Independent Claims	11	-3	= 8	X 84	= 672
Multiple Dependent	<input checked="" type="checkbox"/>			X 280	= 280

## Large Entity Small Entity

Large Entity	Small Entity	Fee Description	
Fee Code	Fee (\$)	Fee Code	
103	18	203	9
102	84	202	42
104	280	204	140
109	84	209	42
110	18	210	9
		Claims in excess of 20	
		Independent claims in excess of 3	
		Multiple dependent claim, if not paid	
		** Reissue independent claims over original patent	
		** Reissue claims in excess of 20 and over original patent	
		SUBTOTAL (2) (\$ 1294)	

\*\*or number previously paid, if greater. For Reissues, see above

FEE CALCULATION (continued)					
<b>3. ADDITIONAL FEES</b>					
Large Entity	Small Entity				
Fee Code	Fee (\$)	Fee Code	Fee (\$)		Fee Description
105	130	205	65		Surcharge - late filing fee or oath
127	50	227	25		Surcharge - late provisional filing fee or cover sheet
139	130	139	130		Non-English specification
147	2,520	147	2,520		For filing a request for reexamination
112	920*	112	920*		Requesting publication of SIR prior to Examiner action
113	1,840*	113	1,840*		Requesting publication of SIR after Examiner action
115	110	215	55		Extension for reply within first month
116	400	216	200		Extension for reply within second month
117	920	217	460		Extension for reply within third month
118	1,440	218	720		Extension for reply within fourth month
128	1,960	228	980		Extension for reply within fifth month
119	320	219	160		Notice of Appeal
120	320	220	160		Filing a brief in support of an appeal
121	280	221	140		Request for oral hearing
138	1,510	138	1,510		Petition to institute a public use proceeding
140	110	240	55		Petition to revive – unavoidable
141	1,280	241	640		Petition to revive – unintentional
142	1,280	242	640		Utility issue fee (or reissue)
143	460	243	230		Design issue fee
144	620	244	310		Plant issue fee
122	130	122	130		Petitions to the Commissioner
123	50	123	50		Processing fee under 37 CFR 1.17(q)
126	180	126	180		Submission of Information Disclosure Stmt
581	40	581	40		Recording each patent assignment per property (times number of properties)
146	740	246	370		Filing a submission after final rejection (37 CFR § 1.129(a))
149	740	249	370		For each additional invention to be examined (37 CFR § 1.129(b))
179	740	279	370		Request for Continued Examination (RCE)
169	900	169	900		Request for expedited examination of a design application
Other fee (specify) _____					
*Reduced by Basic Filing Fee Paid					
SUBTOTAL (3) (\$ 0)					

SUBMITTED BY		Complete if applicable	
Name (Print/Type)	S. NEIL FELTHAM	Registration No. Attorney/Agent	36, 506
Signature	<i>S. Neil Feltham</i>	Date	1/12/02

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